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EDMUND SCIENTIFIC CO.

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January, 1967

Dear Science Enthusiast:

Your copy of the latest Edmund Catalog is enclosed. It includes the greatest variety of low-cost optics, science and math items available anywhere.

See the many new items added to its pages, including New Plastic Fiber Optics Kit, Holograms, Illumination Meter, Vacuum Base for tools and instruments, low cost Lapidary Tumbler, Belt Pod for cameras and binoculars. . . and one additional page listing dozens of new, surplus, Alnico magnets.

HERE ARE THE REASONS WHY SCIENCE FAIR PARTICIPANTS, LEADING INDUSTRIAL FIRMS, SCHOOLS, AND HOBBYISTS ACROSS THE COUNTRY BUY FROM THE EDMUND CATALOG REGULARLY--

1. LISTS OVER 4, 500 BARGAINS and hard-to-get items.
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If any Edmund item does not meet with your full approval, return it within 10 days for a full refund of purchase price.

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Sincerely,

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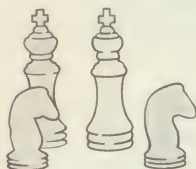
N. W. Edmund
President

P. S. Planning a Science Fair Project and wonder where you can buy equipment inexpensively? Shop the Edmund Catalog first. It can save you both time and money.

PENTA PRISM WITH HANDLE (War Surplus)



Use this penta prism as an optical square. It bends the rays of an image in a right angle, maintaining the right angle no matter what position the eye takes with respect to the prism. Useful in surveying, aligning fixtures, planning of roads or gardens. Silvered. Dimensions: A-25mm, B-15mm, C-27mm. **NO. 60,614 \$7.50Ppd.**



NEW! FILM HOLOGRAMS

YOU SEE THIS WITH THE
SAME HOLOGRAM FILM

We have just received a new supply of film holograms of chessmen rather than airplanes. We are shipping these as the new items for No. 40,969 and No. 30,574 (Catalog 671, page 10). The new holograms have a greatly improved image quality ... much easier to see ... give excellent depth perception.

NEW OPTICAL LISTINGS

- No. 40,970 Objective lens, Mounted achromat, coated 45mm diam., F.L. 191mm, \$3.25 Ppd.
No. 1,189 Condensing lens, plano-convex, 6" diam. F.L. 14", \$5.00 Ppd.
No. 1,190 Condensing lens, plano-convex 3" diam. F.L. 4 1/2" \$2.00 Ppd.

PLEASE NOTE THE FOLLOWING PRICE CHANGES:

STOCK NO.	ITEM	PAGE	NEW PRICE
9214	Engineering optics	65	\$10.00 Ppd.
40,212	Cylinder Lens	71	1.90 Ppd.
60,510	Inspection Mirror	79	2.25 Ppd.
85,161	Stereo Microscope	94	134.00 T.C.C.
40,690	Miniature Lamp	97	4.25 Ppd.
30,210	Eyepiece Set	134	1.75 Ppd.
30,208	Eyepiece Set	134	1.75 Ppd.

DISCONTINUED AND NO LONGER AVAILABLE ITEMS:

STOCK NO.	ITEM	PAGE
40,798	1.2-V N-C Battery	57
70,776	6-V N-C Battery	57
70,777	7.2-V N-C Battery with Charger Kit	57
85,174	Image Rotator	80
70,141	Power Pack	101
50,277	Wide Screen Projection Lens	109

IT'S SCIENCE FAIR TIME AGAIN...TIME TO THINK OF YOUR PROJECT

A science project consists of the total work done in investigating a problem in any field of science. This includes everything from initial thinking and planning right through all the steps that lead to the final product of the endeavor.

Whatever it is, the final product will be the key part

of the exhibit that you will build and place in competition with exhibits made by other students. But do not mistake your exhibit for the project. Learn to distinguish clearly between them. Remember that the project is the whole process, while the exhibit is only the means by which you show and explain your project.



3-D ILLUSTRATED DESCRIPTIVE GEOMETRY

by Imre Pál

This unique and original approach develops perspective, ability to visualize, quickens and increases comprehension. It's the best text we have seen to date.

Descriptive geometry, admittedly a difficult subject for many to grasp, teaches (1) how to represent objects and spatial forms, as well as, to imagine and visualize them in space, (2) how to use constructive methods for the solution of space problems, (3) develops a rich perspective ability, an ability to visualize.

This text simplifies the subject through the use of 284 three-dimensional (anaglyph) figures plus 235 regular illustrations. The reader actually sees and easily understands the 3-D model illustrations which compliment the various subjects explained in the text. The anaglyph technique combines two images of the same subject (one for each eye) printed in two colors. A two color viewer is used. The final image appears as a three-dimensional one with good stereoscopic effect.

Typical chapters cover Fundamental Principles of Solid Geometry, Monge's Method of Representation, Curves and Surfaces, Representation with the Indication of the Elevations, Introduction to Atonometric and Perspective Drawing. The book deals with the representation by two image planes, which forms the basis of engineering drawing. It discusses problems concerning intersections and dimensioning, includes topics on rotation, shadest shadows, parallel and central projections.

Accepted by many high schools, boards of education, colleges and the branches of the armed forces, in the U.S.A., this text has proven to be most helpful at any level of instruction in science and technology. It has been translated into Slovakian, German, Russian, English and Spanish, and is currently extensively used abroad.

"Descriptive Geometry With 3-D Figures", Imre Pál, imported text, 196 pages, hard covers, measures 9-1/2" by 6-5/8", two red and green viewers included.

NO. 9377 \$12.50 Ppd.